

AMENDMENTSIN THE CLAIMS

Please rewrite claims 1, 35, 40, 42, 51, 54, and 63 as follows:

1. A peptide having an amino acid sequence selected from the group consisting of:

RVVRVRRVVR (SEQ ID NO:4);

RRVRRVRRVRRVVRVRRVVR (SEQ ID NO: 5);

VRRVRRVVRVRRVRRVRRVRRVRRVRRVRRVVR (SEQ ID NO: 6);

RRVRRVRRVRRVVRVRRVRRVRRVRRVRRVRRVVR (SEQ ID NO:7);

RVVRVRRVRRVRRVRRVRRVRRVRRVRRVRRVVRVRRVVR (SEQ ID NO:8);

RVVRVRRWVR (SEQ ID NO:9);

RRWRRVRRVWRRVVRVRRWVR (SEQ ID NO:10);

VRRVWRRVVRVRRVWRRVRRVWRRVVRVRRWVR (SEQ ID NO:11); and

RVVRVRRWVRVRRVWRRVVRVRRWVRVRRVWRRVVRVRRWRV (SEQ ID NO:12).

35. A solid phase substrate comprising at least one peptide selected from the group consisting of:

RVVRVRRVVR (SEQ ID NO:4);

RRVRRVRRVRRVVRVRRVVR (SEQ ID NO: 5);

VRRVRRVVRVRRVRRVRRVRRVRRVRRVRRVVR (SEQ ID NO: 6);

RRVRRVRRVRRVVRVRRVRRVRRVRRVRRVRRVVR (SEQ ID NO:7);

RVVRVRRVRRVRRVRRVRRVRRVRRVRRVRRVVRVRRVVR (SEQ ID NO:8);

RVVRVRRWVR (SEQ ID NO:9);

RRWRRVRRVWRRVVRVRRWVR (SEQ ID NO:10);

A4 concv.
RVVRVVRWVRR (SEQ ID NO:9);

RRWVRVRRVWRRVVRVVRWVRR (SEQ ID NO:10);

VRRVWRRVVRVVRWVRVRRVWRRVVRVVRWVRR (SEQ ID NO:11); and

RVVRVVRWVRRVRRVWRRVVRVVRWVRRVRRVWRRVVRVVRWVRRV (SEQ ID NO:12).

51. A method for suppressing HIV-1 infectivity comprising contacting a mammalian cell having HIV-1 with an HIV-1 infectivity suppressing effective amount of at least one peptide selected from the group consisting of:

A5
RVVRVVRVVR (SEQ ID NO:4);

RRVVRVRRVVRVVRVVRVVR (SEQ ID NO: 5);

VRRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVR (SEQ ID NO: 6);

RRVVRVRRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVR (SEQ ID NO:7);

RVVRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVR (SEQ ID NO:8);

RVVRVVRWVRR (SEQ ID NO:9);

RRWVRVRRVWRRVVRVVRWVRR (SEQ ID NO:10);

VRRVWRRVVRVVRWVRVRRVWRRVVRVVRWVRR (SEQ ID NO:11); and

RVVRVVRWVRRVRRVWRRVVRVVRWVRRVRRVWRRVVRVVRWVRRV (SEQ ID NO:12).

54. A method of inhibiting growth of a microbe in a subject comprising contacting a cell of the subject with a microbial growth inhibiting effective amount of at least one peptide selected from the group consisting of:

A6
RVVRVVRVVR (SEQ ID NO:4);

RRVVRVRRVVRVVRVVRVVR (SEQ ID NO: 5);

VRRVVRVVRVVRVVRVVRVVRVVRVVRVVRVVR (SEQ ID NO: 6);

RVVRVRRWRRVRRVWRRVVRVRRWVRRVRRVWRRVVRVRRWRVV (SEQ ID NO:12).

RVVRVRRWVRRVRRVWRRVVRVRRWVRRVRRVWRRVVRVRRWRVV (SEQ ID NO:12).